



United States Department of Agriculture  
National Agricultural Statistics Service



# California Field Crop Review

Cooperating with the California Department of Food and Agriculture

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## CALIFORNIA CROP PRODUCTION

Production of winter wheat, Durum wheat, oats, barley, corn for grain, all rice, American-Pima cotton, all hay, and other hay increased from the previous year's level. The yield per acre increased from last year for winter wheat, barley, corn for grain, all rice, Upland cotton, American-Pima cotton, dry edible beans, all hay, and alfalfa hay.

## FIELD CROP PRODUCTION

**Corn** - California's 2007 corn for grain production forecast is 904 thousand tons, 78 percent above 2006. The forecast yields at 4.76 tons per acre, is up 3 percent from the previous year.

U.S. corn production is forecast at 366 million tons, 24 percent above last year. Based on conditions as of August 1, yields are expected to average 4.28 tons per acre, up 3 percent from last year. Growers expect to harvest 85.4 million acres of corn for grain, up 21 percent from 2006 to the highest level since 1933.

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## FIELD CROP ACREAGE, YIELD, AND PRODUCTION

Crop	Area Harvested		Yield Per Acre			Production		
	2006	2007 Forecast	Unit	2006	2007 Forecast	Unit	2006	2007 Forecast
	1,000 Acres			Number			Thousands	
CALIFORNIA								
Wheat, Winter <u>1/</u>	250.0	270.0	Tons	1.74	2.40	Tons	435.0	648.0
Wheat, Durum	65.0	85.0	Tons	2.97	2.85	Tons	193.1	242.3
Oats	20.0	25.0	Tons	1.38	1.14	Tons	27.5	28.4
Barley	65.0	60.0	Tons	1.32	1.80	Tons	85.8	108.0
Corn for Grain	110.0	190.0	Tons	4.62	4.76	Tons	508.2	904.4
Rice, All <u>2/</u>	523.0	519.0	Cwt.	76.60	80.00	Cwt.	40,040.0	41,520.0
Long	5.0	7.0	Cwt.	58.00	<u>3/</u>	Cwt.	290.0	<u>3/</u>
Medium	458.0	452.0	Cwt.	78.80	<u>3/</u>	Cwt.	36,090.0	<u>3/</u>
Short	60.0	60.0	Cwt.	61.00	<u>3/</u>	Cwt.	3,660.0	<u>3/</u>
Cotton, Upland <u>4/</u>	283.0	184.0	Lbs.	1,321.00	1,383.00	Bales	779.0	530.0
Cotton, American Pima <u>4/</u>	274.0	261.0	Lbs.	1,204.00	1,379.00	Bales	687.0	750.0
Sugar Beets <u>5/</u>	43.1	39.1	Tons	36.10	35.40	Tons	1,556.0	1,384.0
Beans, All Dry <u>6/</u>	65.0	58.0	Cwt.	18.60	20.50	Cwt.	1,209.0	1,189.0
Hay, All	1,580.0	1,570.0	Tons	5.73	5.78	Tons	9,048.0	9,072.0
Alfalfa Hay	1,050.0	950.0	Tons	6.80	7.20	Tons	7,140.0	6,840.0
Other Hay	530.0	620.0	Tons	3.60	3.60	Tons	1,908.0	2,232.0
UNITED STATES								
Wheat, Winter	31,117.0	37,188.0	Tons	1.25	1.24	Tons	38,942.4	46,117.9
Wheat, Durum	1,815.0	2,163.0	Tons	0.89	1.07	Tons	1,604.3	2,300.7
Oats	1,576.0	1,612.0	Tons	0.95	0.98	Tons	1,500.2	1,573.5
Barley	2,951.0	3,542.0	Tons	1.46	1.51	Tons	4,321.2	5,363.5
Corn for Grain	70,648.0	85,418.0	Tons	4.17	4.28	Tons	294,976.3	365,501.3
Rice, All <u>2/</u>	2,821.0	2,726.0	Cwt.	68.68	69.84	Cwt.	193,736.0	190,392.0
Long <u>7/</u>	2,186.0	2,082.0	Cwt.	66.90	<u>3/</u>	Cwt.	146,214.0	139,980.0
Medium <u>7/</u>	574.0	583.0	Cwt.	76.30	<u>3/</u>	Cwt.	43,802.0	46,554.0
Short <u>7/</u>	61.0	61.0	Cwt.	61.00	<u>3/</u>	Cwt.	3,720.0	3,858.0
Cotton, Upland <u>4/</u>	12,408.0	10,343.0	Lbs.	806.00	767.00	Bales	20,822.4	16,537.0
Cotton, American Pima <u>4/</u>	323.5	293.0	Lbs.	1,136.00	1,325.00	Bales	765.4	808.5
Sugar Beets <u>5/</u>	1,303.6	1,241.4	Tons	26.10	24.00	Tons	34,064.0	29,815.0
Beans, All Dry <u>6/</u>	1,537.6	1,439.8	Cwt.	15.77	16.49	Cwt.	24,247.0	23,741.0
Hay, All	60,807.0	61,789.0	Tons	2.33	2.35	Tons	141,666.0	145,251.0
Alfalfa Hay	21,384.0	21,451.0	Tons	3.35	3.26	Tons	71,666.0	69,904.0
Other Hay	39,423.0	40,338.0	Tons	1.78	1.87	Tons	70,000.0	75,347.0

<sup>1/</sup> California estimate for current year carried forward from earlier forecast.

<sup>2/</sup> Sweet rice production included with short grain.

<sup>3/</sup> To be released January 2008.

<sup>4/</sup> Cotton yield in pounds; production in 480-pound net weight bales.

<sup>5/</sup> Relates to year of intended harvest in all states, except California. In California, related to year of intended harvest for fall planted beets in central California and to year of planting for over-wintered beets in central and southern California.

<sup>6/</sup> Excludes beans grown for garden seed.

<sup>7/</sup> The 2007 rice production by class estimates are based on class harvested acreage estimates and the 5-year average class yield compared to the all rice yield.

## FIELD CROP PRODUCTION

(Continued from Page 1)

**Cotton** - Upland cotton production in California is forecast at 530 thousand bales, down 32 percent from last year. Harvested acreage is expected to total 184 thousand acres, 35 percent below last year. The yield is forecast at 1,383 pounds per acre, 5 percent above 2006. American Pima cotton production is forecast to be 750 thousand bales, 9 percent above 2006. The 261 thousand acres for harvest are 5 percent below last year.

U.S. production of all cotton is forecast at 17.3 million 480-pound bales, down 20 percent from last year's 21.6 million bales. The yield is expected to average 783 pounds per harvested acre, down 31 pounds from 2006. Upland cotton production is forecast at 16.5 million 480-pound bales, 21 percent below 2006. American-Pima production is forecast at 809 thousand bales, up 6 percent from last year. Producers expect to harvest 10.6 million acres of all cotton and 10.3 million acres of Upland cotton, down 16 percent and 17 percent, respectively. American-Pima harvested area is expected to total 293 thousand acres, down 9 percent from 2006.

**Hay** - Production of alfalfa hay in California is forecast at 6.84 million tons, down 4 percent from last year's crop. Other hay production is forecast at 2.23 million tons, 17 percent above the 2006 crop.

The U.S. alfalfa hay production is forecast at 69.9 million tons, down 2 percent from last year. Yields are expected to average 3.26 tons per acre, a decrease of 0.09 tons from last year. Harvested area is forecast at 21.5 million acres, slightly above the previous year's acreage. Other hay production is forecast at 75.3 million tons, up 8 percent from 2006. Based on August 1 conditions, yields are expected to average 1.87 tons per acre, up 0.09 tons from last year. Harvested area is 40.3 million acres, unchanged from the June forecast, but up 2 percent from the previous year.

**Oats** - California's oat production is forecast to be 28.4 thousand tons, up 3 percent from 2006. The harvested acreage is estimated at 25.0 thousand acres. The forecast yields at 1.14 tons per acre, is 17 percent below the previous year.

U.S. oat production is forecast at 1.57 million tons, 3 percent below the July 1 forecast, but 5 percent above last year's record low 1.50 million tons. Growers expect to harvest 1.61 million acres for grain, up 2 percent from last year. The forecasted yield is 0.98 tons per acre, 3 percent above last year.

**Rice** - California's 2007 rice crop forecast, at 41.5 million cwt., is 4 percent above last year. The 519 thousand acres for harvest are 1 percent below last year. The yield is forecast at 8,000 pounds per acre, up 4 percent from last year.

U.S. rice production is forecast at 190 million cwt., down 2 percent from last year and down 15 percent from 2005. Area for harvest is expected to total 2.73 million acres, down 3 percent from last year. The yield is forecast at 6,984 pounds per acre, up 116 pounds from last year. If realized, this will surpass the previous record high yield of 6,942 pounds per acre set in 2004.

**Sugar beets** - California sugar beet production is forecast to be 1.38 million tons, down 11 percent from 2006. Harvested acreage is estimated at 39.1 thousand acres, 9 percent below last year. The yield is forecast at 35.4 tons per acre, 2 percent below last year.

Production for the U.S. is forecast at 29.8 million tons, down 12 percent from last year's record high 34.1 million tons. Growers expect to harvest 1.24 million acres, down 5 percent from last year. The yield is forecast at 24.0 tons per acre, down 2.10 tons from the record high set in 2006.

### CALIFORNIA FARM PRODUCTION EXPENDITURES 2005-06 MAJOR INPUT ITEMS, FARMS REPORTING, AVERAGE PER FARM, AND TOTAL

Expenditure - Farm Share	Farm Reporting 1/		Average per Farm 2/		Total Expenditures	
	2005	2006	2005	2006	2005	2006
	Percent		Dollars		Million Dollars	
Total Farm Production Expenditures 3/	100.0	100.0	338,954	389,342	25,930	29,590
Livestock, Poultry & Related Expenses 4/	20.7	22.9	8,627	10,658	660	810
Feed	28.1	34.3	37,386	43,421	2,860	3,300
Farm Services 5/	95.8	97.7	64,967	78,289	4,970	5,950
Rent 6/	18.9	22.6	18,039	19,868	1,380	1,510
Agricultural Chemicals 7/	58.6	53.1	15,163	16,184	1,160	1,230
Fertilizer, Lime & Soil Conditions 7/	61.8	54.4	13,464	15,395	1,030	1,170
Interest	31.9	42.1	12,157	15,395	930	1,170
Taxes ( Real Estate & Property )	100.0	100.0	8,889	10,000	680	760
Labor	60.7	55.9	93,987	101,842	7,190	7,740
Fuels	75.1	81.1	11,895	12,895	910	980
Farm Supplies & Repairs 8/	79.0	80.0	18,431	22,895	1,410	1,740
Farm Improvements & Construction 9/	58.6	59.5	13,203	13,816	1,010	1,050
Tractors and Self-Propelled Farm Machinery	27.3	20.0	4,706	5,789	360	440
Other Farm Machinery	26.8	20.7	1,830	2,237	140	170
Seeds & Plants 10/	36.6	33.7	12,941	15,921	990	1,210
Trucks & Autos	28.3	25.5	3,137	4,342	240	330
Miscellaneous Capital Expenses 11/	24.3	17.5	131	395	10	30

1/ Number of farms reporting item divided by total number of farms.

2/ Total expenditures divided by total number of farms. Items may not sum to total due to rounding.

3/ Includes landlord and contractor share of farm production expenses. Totals may not add due to rounding.

4/ Includes purchases and leasing of livestock and poultry. Edit procedures have been upgraded over the last two years to better identify cattle farm records where not all livestock are owned. These "custom feeding" operations are not correctly recorded as production contracts, resulting in increased livestock purchases for contractors.

5/ Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses, and utilities.

6/ Includes public and private grazing fees.

7/ Includes material and application costs.

8/ Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.

9/ Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.

10/ Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

11/ A zero in this line-item denotes less than five million dollars. Average value derived from expenditure rounding to zero will also be zero. Miscellaneous Capital Expense is shown in the tables for the first time. To properly summarize Miscellaneous Capital Expenses and Miscellaneous Capital Expenses, Miscellaneous Expenses were combined with General Business Expenses, which is summarized as part of Farm Services. Estimates for 2005 were adjusted to reflect this change.

# **PRICES RECEIVED BY CALIFORNIA FARMERS - JULY 2007**

Prices received by California farmers at mid-July were above June for wheat. Mid-July prices for all potatoes, spring potatoes, summer potatoes, fall potatoes, and all types of hay were below last month's level. Mid-July prices for barley and dry edible beans were not published to avoid disclosure of individual buyers. Sales were too insufficient to establish a mid-month price for oats and Upland cotton lint. Prices were above previous years' for wheat, and all types of hay. All potatoes, spring potatoes, and summer potatoes prices were below July 2006's level.

## **U.S. PRICES RECEIVED INDEX**

The preliminary All Farm Products Index of Prices Received by Farmers in July, at 142 percent based on 1990-92=100, increased three points (2.2 percent) from June. The Crop Index is up two points (1.4 percent) and the Livestock Index increased three points (2.2 percent). Producers received higher commodity prices for milk, eggs, wheat, and snap beans. Lower prices were received for corn, broilers, hogs, and cantaloupes. The overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased average marketings of grapes, wheat, hay, and tomatoes offset decreased marketings of milk, cantaloupes, and potatoes.

The preliminary All Farm Products Index is up 25 points (21 percent) from July 2006. The Food Commodities Index, at 144, increased four points (2.9 percent) from last month and increased 25 points (21 percent) from July 2006.

The July All Crops Index is 143, up 1.4 percent from June and 16 percent above July 2006. Index increases for food grains, oil-bearing crops, and commercial vegetables more than offset the index decreases for feed grains & hay, potatoes & dry beans, and fruits & nuts.

The July Food Grains Index, at 179, is 7.2 percent above the previous month and 38 percent above a year ago. The July all wheat price, at \$179.00 per ton, is up \$11.33 from June and \$49.67 above July 2006.

The July Feed Grains & Hay Index is 151, down 5.0 percent from last month, but 37 percent above a year ago. The corn price, at \$115.36 per ton, is down \$10.00 from last month, but \$38.93 above July 2006. The all hay price, at \$131.00 per ton, is unchanged from June, but up \$24.00 from last July. Sorghum grain, at \$5.55 per cwt., is 57 cents below June, but 94 cents above July last year.

The July Cotton Index, at 77, is unchanged from June and last year. The July price, at 46.8 cents per pound, is up 0.4 of a cent from the previous month, but unchanged from last July.

The July Potatoes & Dry Beans Index, at 138, is down 1.4 percent from last month and 19 percent below July 2006. The all potato price, at \$8.10 per cwt., is down 17 cents from June and \$2.36 below last July. The all dry bean price, at \$25.10 per cwt., is up 70 cents from the previous month and \$3.40 higher than July 2006.

## **AVERAGE FARM PRICES RECEIVED BY FARMERS 1/**

Commodity	Unit	CALIFORNIA			UNITED STATES		
		July 2006	June 2007	July 15, 2007	July 2006	June 2007	July 15, 2007
		Dollars					
Corn 2/	Tons	---	---	---	76.43	125.36	115.36
Wheat 2/	Tons	131.33	172.33	177.33	129.33	167.67	179.00
Oats 2/	Tons	3/	3/	3/	111.25	158.75	156.25
Barley 2/	Tons	118.33	155.42	4/	112.92	137.50	140.42
Sorghum Grain 2/	Cwt.	---	---	---	4.61	6.12	5.55
Rice 2/	Cwt.	---	---	---	8.18	9.77	9.84
Dry Edible Beans 2/	Cwt.	38.20	42.70	4/	21.70	24.40	25.10
All Potatoes 5/	Cwt.	15.00	13.00	12.30	10.46	8.27	8.10
Winter	Cwt.	---	---	---	---	---	---
Spring	Cwt.	12.80	13.70	12.60	---	---	---
Summer	Cwt.	18.70	12.90	12.20	---	---	---
Fall	Cwt.	---	8.20	7.90	---	---	---
All Hay, Baled 2/	Ton	101.00	154.00	153.00	107.00	131.00	131.00
Alfalfa Hay, Baled 2/	Ton	103.00	163.00	162.00	113.00	137.00	137.00
Other Hay, Baled 2/	Ton	92.00	127.00	124.00	89.30	111.00	113.00
Upland Cotton Lint 2/	Lb.	4/	4/	3/	0.468	0.464	0.468
Cottonseed	Ton	---	---	---	---	---	---

1/ The estimated prices shown in the table represent composite average prices received by farmers. They are averages for all grades, classes, and methods of sale of each commodity for the State and U.S. as a whole.

2/ Previous month revised to monthly average.

3/ Insufficient sales to establish a price.

4/ Price not published to avoid disclosure of individual buyers.

5/ Monthly average.

## **U.S. INDEX NUMBER OF PRICES RECEIVED AND PAID BY FARMERS**

Index	1910-14 = 100			1990-92 = 100		
	July 2006	June 2007	July 2007	July 2006	June 2007	July 2007
Prices Received						
All Farm Products	741	880 1/	899	117	139 1/	142
All Crops	609	695 1/	705	123	141 1/	143
Food Grains	413	532 1/	567	130	167 1/	179
Feed Grains and Hay	393	568 1/	541	110	159 1/	151
Cotton	396	392 1/	396	77	77 1/	77
Potatoes and Dry Edible Beans	859	710 1/	699	170	140 1/	138
Prices Paid by Farmers for Commodities, Services, Interest, Taxes and Wage Rates 2/	1,988	2,099 1/	2,108	149	158 1/	158
Parity Ratio 3/	37	42 1/	43	79	88 1/	90

1/ Revised.

2/ All production indexes as of 15th of month.

3/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid, Interest, Taxes and Farm Wage Rates.

# **DRY BEAN PRODUCTION AND ACREAGE**

California's 2007 all dry bean production is forecast to be 1.19 million cwt., 2 percent below the 2006 crop. The 58.0 thousand acres for harvest are down 11 percent below the previous year. The forecast yield of 2,050 pounds per acre is up 10 percent from 2006. Large lima planted acreage is estimated to be 13.9 thousand, 8 percent more than the previous year. The baby lima acreage is expected to total 16.0 thousand acres, 19 percent above last year.

U.S. all dry bean production is forecast at 23.7 million cwt. in 2007, down 2 percent from last year and 11 percent below two years ago. Harvested acreage is estimated at 1.44 million acres, down 6 percent from the last two years. The average U.S. yield is forecast at 1,649 pounds per acre, an increase of 72.0 pounds from last year, but 97.0 pounds less than two years ago.

## **DRY BEAN PLANTED ACREAGE 1/**

Variety	CALIFORNIA		UNITED STATES	
	2006	2007	2006	2007
	1,000 Acres			
Large Lima	12.9	13.9	12.9	13.9
Baby Lima	13.5	16.0	13.5	16.0
Black-eye	12.6	12.5	31.4	26.0
Light Red Kidney	1.9	1.5	43.4	49.0
Dark Red Kidney	0.4	0.5	48.8	43.3
Pink 2/	0.2	---	45.3	29.0
Garbanzo	16.0	7.0	136.8	125.6
Small White 2/	---	---	2.1	0.9
Navy 2/	---	---	280.7	224.4
Great Northern 2/	---	---	69.7	58.8
Cranberry	0.8	0.6	9.8	8.3
Small Red 2/	---	---	35.5	28.9
Black	0.6	0.5	167.4	173.2
Pinto 2/	---	---	690.9	678.2
Other	8.1	7.5	41.6	29.3
TOTAL	67.0	60.0	1,629.8	1,504.8

1/ Production by variety will be released December 11, 2007.

2/ Included in "Other" for California.